

NEK7 degrader-2

Chemical Properties

CAS No. :	3037413-54-7
Formula:	C19H23N3O3
Molecular Weight:	341.41
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	NEK7degrader-2 (Compound 25) serves as a NEK7 degrader. It demonstrates a dose-dependent ability to degrade NEK7 in macrophages derived from human peripheral blood mononuclear cells, and reduces the release of the pro-inflammatory cytokine IL-1 β , induced by NLRP3 inflammasome activation. NEK7degrader-2 is applicable for research into inflammatory diseases.
Targets(IC50)	NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.929 mL	14.6451 mL	29.2903 mL
5 mM	0.5858 mL	2.929 mL	5.8581 mL
10 mM	0.2929 mL	1.4645 mL	2.929 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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